



Inverter Console | 42FTV/38VN

FEATURES

The new Carrier console has been designed not only to be slim and stylish but also to give high performance.

All units can be mounted on walls or under the ceiling.

3D motorised louvers allow air distribution direction according to individual preferences.

The state of the art fans and the advanced slimline coil make the console a very quiet unit.

Easy access to all internal components by removing the grille.

Choice of wired or wireless controls.



UNITS

REMOTE CONTROL



TECHNICAL SPECIFICATIONS

Indoor Unit		42FTV2181001231	42FTV2241001231	42FTV2361001231	42FTV2481001931	42FTV2601001931
Outdoor unit		38VN2181123A	38VN2241123A	38VN2361123A	38VN2481193A	38VN2601193A
Size		18K	24K	36K(1Ph)	48K(3Ph)	60K(3Ph)
Nominal cooling capacity (Min-Max)	kW	5.3 (2.5~6.0)	7.1 (3.4~8.6)	10.5 (5.3~12.0)	14.1 (7.0~16.0)	15.5 (8.0~18.0)
SEER	W/W	5.31	6.31	5.41		
Energy Efficiency Class		A	A++	A		
EER					2.45	2.3
Nominal heating capacity (Min-Max)	kW	5.3 (2.7~6.4)	7.6 (4.4~10.2)	10.5 (5.7~14)	16.4 (8.0~18.0)	19.0 (9.0~20.0)
SCOP	W/W	3.91	3.81	3.81		
Energy Efficiency Class		A	A	A		
COP					3.15	2.85
Indoor						
Model		42FTV2181001231	42FTV2241001231	42FTV2361001231	42FTV2481001931	42FTV2601001931
Rated input	W	75	180	180	200	200
Sound power level (High)	dB(A)	60	63	65	N/A	N/A
Dimensions (WxDxH)	mm	1068x675x235	1068x675x235	1650x675x235	1650x675x235	1650x675x235
Net weight	kg	25	25	40	40	40
Outdoor						
Model		38VN2181123A	38VN2241123A	38VN2361123A	38VN2481193A	38VN2601193A
Rated input	W	2200	2900	5100	7200	7500
Sound power level (High)	dB(A)	65	68	70	N/A	N/A
Dimensions (WxDxH)	mm	845x320x700	900x315x860	990x345x965	938x392x1369	938x392x1369
Net weight	kg	46	59	73	102	107
Refrigerant type		R410A	R410A	R410A	R410A	R410A
Flare connections (Liquid side / Gas side)	mm	Ø6.35/Ø12.7	Ø9.52/Ø15.88	Ø9.52/Ø15.88	Ø9.52/Ø15.88	Ø9.52/Ø15.88
Max. pipe length	m	30	50	65	65	65
Max. difference in level	m	20	25	30	30	30
Operating range (Cooling)	°C	-15~50	-15~50	-15~50	-15~50	-15~50
Operating range (Heating)	°C	-15~24	-15~24	-15~24	-15~24	-15~24
Power supply	V-Ph-Hz	220-240-1-50	220-240-1-50	220-240-1-50	380-415-3-50	380-415-3-50

Note:

Cooling Capacities are based on 27°C (DB) / 19°C (WB) indoor air temperature and 35°C (DB) / 24°C (WB) outdoor air temperature.

Heating Capacities are based on 20°C (DB) / 15°C (WB) indoor air temperature and 7°C (DB) / 6°C (WB) outdoor air temperature.



turn to the experts 



Inverter 4-Way Cassette | 42TSV/38VN

FEATURES

The ideal solution for any commercial application as it combines optimized comfort with high energy efficiency.

Compact design.

Allows 360° airflow for optimum air distribution in the room.

Standard dimensions compatible with all suspended ceiling systems.

Fresh air intake and additional outlet grille that allows the air conditioning of an adjoining room.

Fresh air inlet for constant air renewal.

Easy accessibility to the key components on the unit simply by opening the grille or removing the front panel.

Built in Drain Pump that can lift the condensate water up to 750mm.

Choice of wired or wireless controls.



UNITS

REMOTE CONTROL



TECHNICAL SPECIFICATIONS

Indoor Unit		42TSV2181001231	42TSV2241001231	42TSV2361001231	42TSV2481001931	42TSV2601001931
Outdoor unit		38VN2181123A	38VN2241123A	38VN2361123A	38VN2481193A	38VN2601193A
Size		18K	24K	36K(1Ph)	48K(3Ph)	60K(3Ph)
Nominal cooling capacity (Min-Max)	W	5.3 (2.5~6.0)	7.1 (3.4~8.6)	10.5 (5.3~12.0)	13.8 (7.0~16.0)	15.0 (8.0~18.0)
SEER	W/W	5.31	6.31	5.41	-	-
Energy efficiency class		A	A++	A	-	-
EER					2.5	2.2
Nominal heating capacity (Min-Max)	kW	5.3 (2.7~6.4)	7.6 (4.4~10.2)	10.5 (5.7~14)	15.5 (8.0~18.0)	18.0 (9.0~20.0)
SCOP	W/W	3.91	3.81	3.81	-	-
Energy efficiency class		A	A	A	-	-
COP					3.15	2.5
Indoor						
Model		42TSV2181001231	42TSV2241001231	42TSV2361001231	42TSV2481001931	42TSV2601001931
Rated input	W	120	180	180	250	250
Sound power level (High)	dB(A)	59	62	64	/	/
Unit dimensions (WxDxH)	mm	840x840x205	840x840x245	840x840x245	840x840x287	840x840x287
Panel dimensions (WxDxH)	mm	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55
Unit net weight	kg	22	24	26.5	29	29
Panel net weight	kg	5	5	5	5	5
Outdoor						
Model		38VN2181123A	38VN2241123A	38VN2361123A	38VN2481193A	38VN2601193A
Rated input	W	2200	2900	5100	7200	7500
Sound power level (High)	dB(A)	65	68	70	/	/
Refrigerant type		R410A	R410A	R410A	R410A	R410A
Flare connections (Liquid side - Gas side)	mm	Ø6.35/Ø12.7	Ø9.52/Ø15.88	Ø9.52/Ø15.88	Ø9.52/Ø15.88	Ø9.52/Ø15.88
Max. pipe length	m	30	50	65	65	65
Max. difference in level	m	20	25	30	30	30
Operating range (Cooling)	°C	-15~50	-15~50	-15~50	-15~50	-15~50
Operating range (Heating)	°C	-15~24	-15~24	-15~24	-15~24	-15~24
Dimension (WxDxH)	mm	845x320x700	900x315x860	990x345x965	938x392x1369	938x392x1369
Net weight	kg	46	59	73	102	107
Power supply	V- Ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50	380~415-3-50	380~415-3-50

Note:

Cooling Capacities are based on 27°C (DB) / 19°C (WB) indoor air temperature and 35°C (DB) / 24°C (WB) outdoor air temperature.

Heating Capacities are based on 20°C (DB) / 15°C (WB) indoor air temperature and 7°C (DB) / 6°C (WB) outdoor air temperature.



Inverter Ducted | 42SMV/38VN



FEATURES

The Carrier Inverter Ducted units offer high performance both in terms of comfort and energy efficiency. Compact and versatile is the ideal choice for new or refurbished buildings.

Slim line profile that allows installation in applications with low available height.

Reliable and durable unit thanks to high efficient DC rotary inverter driven compressor.

Easy installation and maintenance as all components can be accessed by removing the grille.

Equipped with fresh air intake.

The drain pump of the indoor unit is a unitary shaped up pan and is insulated around the outside surface. It can stand strict condensing test.

Choice of wired or wireless controls.



UNITS

REMOTE CONTROL



TECHNICAL SPECIFICATIONS

Indoor Unit		42SMV2181001231	42SMV2241001231	42SMV2361001231	42SMV2481001931	42SMV2601001931
Outdoor unit		38VN2181123A	38VN2241123A	38VN2361123A	38VN2481193A	38VN2601193A
Size		18K	24K	36K(1Ph)	48K(3Ph)	60K(3Ph)
Nominal cooling capacity (Min-Max)	kW	5.3 (2.5~6.0)	7.1 (3.4~8.6)	10.5 (5.3~12.0)	14.1 (7.0~16.0)	16.0 (8.0~18.0)
SEER	W/W	5.31	6.31	5.41		
Energy Efficiency Class		A	A++	A		
EER	W/W				2.5	2.3
Nominal heating capacity (Min-Max)	kW	5.3 (2.7~6.4)	7.6 (4.4~10.2)	10.5 (5.7~14)	16.1 (8.0~18.0)	19.0 (9.0~20.0)
SCOP	W/W	3.91	3.81	3.81		
Energy Efficiency Class		A	A	A		
COP	W/W				3.55	3.05
Indoor						
Model		42SMV2181001231	42SMV2241001231	42SMV2361001231	42SMV2481001931	42SMV2601001931
Rated input	W	160	200	230	250	250
External static pressure (Max)	Pa	70	70	80	100	100
Sound power level (High)	dB(A)	59	63	63	/	/
Dimensions (WxDxH)	mm	920x635x270	920x635x270	1200x865x300	1200x865x300	1200x865x300
Net weight	kg	28/31.5	28/31.5	44/52.5	44/53	44/53
Outdoor						
Model		38VN2181123A	38VN2241123A	38VN2361123A	38VN2481193A	38VN2601193A
Rated input	W	2200	2900	5100	7200	7500
Sound power level	dB(A)	65	68	70	/	/
Dimensions (WxDxH)	mm	845x320x700	900x315x860	990x345x965	938x392x1369	938x392x1369
Net weight	kg	46	59	73	102	107
Refrigerant type		R410A	R410A	R410A	R410A	R410A
Flare connections (Liquid side / Gas side)	mm	Ø6.35/Ø12.7	Ø9.52/Ø15.88	Ø9.52/Ø15.88	Ø9.52/Ø15.88	Ø9.52/Ø15.88
Max. pipe length	m	30	50	65	65	65
Max. difference in level	m	20	25	30	30	30
Operating range (Cooling)	°C	-15~50	-15~50	-15~50	-15~50	-15~50
Operating range (Heating)	°C	-15~24	-15~24	-15~24	-15~24	-15~24
Power supply	V-Ph-Hz	220-240-1-50	220-240-1-50	220-240-1-50	380-415-3-50	380-415-3-50

Note:

Cooling Capacities are based on 27°C (DB) / 19°C (WB) indoor air temperature and 35°C (DB) / 24°C (WB) outdoor air temperature.

Heating Capacities are based on 20°C (DB) / 15°C (WB) indoor air temperature and 7°C (DB) / 6°C (WB) outdoor air temperature.



Inverter Free Standing | 42FSV/38VN

FEATURES

The ideal solution for shops as it offers optimum air distribution and increases air throw distance. The unit combines elegant appearance and ultimate comfort with efficiency and quiet operation.

Modern and attractive aesthetic with compact dimensions and light weight that fits any interior design.

Smart LCD display shows control functions and error code in case of a malfunction.

Quiet unit with low sound levels.

Efficient air management system that allows maximum air flow with minimum turbulence for minimum air resistance, smooth airflow and efficient operation.

Efficient and washable filters for clean and healthy air.

Turbo function to maximize the output capacity in order to reach the desired temperature quickly.

Programmable timer for energy savings.

Auto restart in cases of power failure that allows the unit to operate again according to the previous operation settings.

Smart self – diagnostic function and refrigerant leak detection that allows easy and fast maintenance.

Independent dehumidification mode.

Auto mode which changes the operation mode and capacity output automatically according to temperature difference between room and set temperature.

Easy installation, service and maintenance.



UNIT

TECHNICAL SPECIFICATIONS

Indoor Unit		42FSV2481001931	42FSV2601001931
Outdoor unit		38VN2481193A	38VN2601193A
Size		48K(3Ph)	60K(3Ph)
Nominal cooling capacity (Min-Max)	kW	13.8 (7.0~16.0)	16.0 (8.0~18.0)
EER		2.75	2.45
Nominal heating capacity (Min-Max)	kW	16.5 (8.0~18.0)	18.0 (9.0~20.0)
COP		3.15	3.05
Indoor			
Model		42FSV2481001931	42FSV2601001931
Rated input	W	335+3700	350+3600
Dimensions (WxDxH)	mm	610x390x1925	610x390x1925
Net weight	kg	69.3	69.6
Outdoor			
Model		38VN2481193A	38VN2601193A
Rated input	W	7200	7500
Dimensions (WxDxH)	mm	938x392x1369	938x392x1369
Net weight	kg	102	107
Refrigerant type		R410A	R410A
Flare connections (Liquid side / Gas side)	mm	Φ9.52/Φ15.88	Φ9.52/Φ15.88
Max. pipe length	m	65	65
Max. difference in level	m	30	30
Operating range (Cooling)	°C	-15~50	-15~50
Operating range (Heating)	°C	-15~24	-15~24
Power supply	V-Ph-Hz	380~415-3-50	380~415-3-50

Note:

Cooling Capacities are based on 27°C (DB) / 19°C (WB) indoor air temperature and 35°C (DB) / 24°C (WB) outdoor air temperature.

Heating Capacities are based on 20°C (DB) / 15°C (WB) indoor air temperature and 7°C (DB) / 6°C (WB) outdoor air temperature.



Encased Indoor Fan Coils | FX4CS Series / 38EYX

Encased indoor fan coils, complete with direct - expansion indoor coil suitable for light commercial application.

Outdoor

Operating ambient temperature for cooling mode $13^{\circ}\text{C} \sim 52^{\circ}\text{C}$ / heating mode $-34^{\circ}\text{C} \sim 19^{\circ}\text{C}$.
CE certified.

Weather protected cabinet with pre-painted galvanized sheet metal.

Modified Polymer Coating on the coil.

1000 Hr Salt spray as per ASTM B117 test.

Narrow spaced grille for improved coil protection.

Equipped with High & Low pressure switches.

One access panel to access electrical controls, fan motor, compressor & condenser coil.

Discharge muffler to minimize low frequency sound and pressure pulsation generated by compressor discharge gas.

Factory supplied filter drier.

Compressor Sound Hood for noise attenuation.

Indoor

Install up flow, horizontal, or down flow.

Grooved copper tubes.

Easy access to filters for cleaning.

Prepainted galvanized sheet metal.

Solid state interlock control board.

Lanced sine wave aluminum fins.



INDOOR UNIT

OUTDOOR UNIT



TECHNICAL SPECIFICATIONS

Model		38EYX/FX4CSX048000	38EYX/FX4CSX060000
Cooling Capacity	KW	13.66	16.73
Power Input	W	4360	5870
E.E.R.	W/W	3.13	2.85
Heating Capacity	KW	14.48	17.07
Power Input	W	3820	5040
COP	W/W	3.79	3.39
Compressor type		scroll	scroll
Indoor Unit		FX4CSX048000	FX4CSX060000
Air flow	l/s	750	825
Sound pressure	dB(A)	77	80
Dimensions (HxWxD)	mm	1261 x 537 x 560	1357 x 537 x 560
Weight	kg	72	80
Outdoor Unit		38EYX048-X-9	38EYX060-X-9
Maximum pipe length	m	50	50
Maximum height difference	m	45	45
Dimensions (HxWxD)	mm	1015 x 762 x 762	862 x 762 x 762
Weight	kg	99.3	111.6
Refrigerating piping (liquid - gas)	inch	3/8 - 7/8"	3/8 - 7/8"
Power supply	Ph-V-HZ	400/3/50	400/3/50

Note:

Cooling Capacities are based on 27°C (DB) / 19°C (WB) indoor air temperature and 35°C (DB) / 24°C (WB) outdoor air temperature.

Heating Capacities are based on 20°C (DB) / 15°C (WB) indoor air temperature and 7°C (DB) / 6°C (WB) outdoor air temperature.